

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

241082US2XPCT

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

INTERNATIONAL APPLICATION NO.  
PCT/JP01/08535INTERNATIONAL FILING DATE  
28 September 2001PRIORITY DATE CLAIMED  
29 March 2001

## TITLE OF INVENTION

NEGATIVE RESISTANCE FIELD-EFFECT ELEMENT

## APPLICANT(S) FOR DO/EO/US

OGURA Mutsuo et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☐ Certificate of Mailing by Express Mail Label No.
23. ☒ Other items or information:

PCT/IB/304/Notice of Priority/Application Data Sheet  
Drawings (3 sheets)/PTO-1449/Declaration of Takeyoshi SUGAYA

10/561530

PCT/JP01/08535

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24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5))

IAP20 Rec'd PCT/PTO 14 DEC 2005

CALCULATIONS PTO USE ONLY

- ☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1060.00
- ☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$900.00
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$750.00
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$720.00
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$900.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	3 - 20 =	0	x \$18.00
Independent claims	1 - 3 =	0	x \$84.00

\$0.00

\$0.00

Multiple Dependent Claims (check if applicable). ☐

\$0.00

TOTAL OF ABOVE CALCULATIONS =

\$900.00

- ☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

\$0.00

SUBTOTAL =

\$900.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

\$0.00

TOTAL NATIONAL FEE =

\$900.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☐

\$0.00

TOTAL FEES ENCLOSED =

\$900.00

Amount to be:	\$
refunded	
charged	\$

- a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NUMBER 22850

SIGNATURE

Marvin J. Spivak

NAME

24,913

REGISTRATION NUMBER

DATE

**CONCLUSION**

Applicant's petition under 37 CFR 1.181 is **GRANTED**.

The application will be given an international filing date of 28 September 2001 under 35 U.S.C. 363 and a date of **29 September 2003** under 35 U.S.C. 371(c)(1), (c)(2) and (c)(4).

This application is being returned to the United States Designated/Elected Office (US/DO/EO) for further processing in accordance with this decision, namely 1) the issuance of a "Notification of Acceptance of Application Under 35 U.S.C. 371 and 37 CFR 1.494 or 1.495" (Form PCT/DO/EO/903) indicating a 371 date as detailed above.



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10/561530

OBLON
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MAIER
&
NEUSTADT
P.C.

Docket No.: 241082US2X PCT

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 10/472,483  
Applicants: Mutsuo OGURA, et al.  
Filing Date: September 29, 2003  
For: NEGATIVE-RESISTANCE FIELD-EFFECT DEVICE  
ATTN: PCT Legal Office

ATTORNEYS AT LAW

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RECEIVED

SIR:

Attached hereto for filing are the following papers:

Petition Under 37 CFR 1.181 to Grant a Filing Date  
Copy of Date-Stamped Filing Receipt  
Copy of English Translation  
Copy of Declaration & Power of Attorney (4 pages)  
Copy of Application Data Sheet  
Copy of Credit Card Payment Form (\$900)  
Copy of Credit Card Billing Statement  
Copy of Declaration of Takeyoshi Sugaya  
Copy of Drawings (3 sheets)  
Copy of Information Disclosure Statement, PTO-1449  
Copy of International Search Report  
Copy of International Preliminary Examination Report  
Copy of PCT Transmittal Letter  
Copy of Notice of Priority

22 DEC 2005

Legal Staff  
International Division

Our check in the amount of \_\_\_\_\_ is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, please charge or credit the difference to our Deposit Account No. 15-0030.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



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Surinder Sachar

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00/561530

IAP20 Rec'd PCT/PTO 14 DEC 2005

Due Date 09-29-03

OSMM&N File No. 241082US2XPCT

By MJS/rkm/FF

Serial No. New U.S. PCT Application based on PCT/JP01/08535

In the matter of the Application of Mutsuo OGURA et al.

For NEGATIVE-RESISTANCE FIELD-EFFECT DEVICE

The following has been received in the U.S. Patent Office on the date stamped hereon:

- 13 pgs. Specification 3 Claims (English Translation) pgs. Sequence Listing
- Combined Declaration, Petition & Power of Attorney (4 pages)
- Application Data Sheet
- Notice of Priority
- Dep. Acct. Order Form
- Credit Card Payment Form for \$900.00
- Drawings (3 sheets)
- PCT Transmittal Letter
- PCT/IB/304
- International Preliminary Examination Report
- Information Disclosure Statement ■ PTO-1449
- International Search Report
- Declaration of Takeyoshi SUGAYA

SERIAL NO. 10/472483

DATE RECEIVED Rec'd PCT/PTO 29 SEP 2003

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COPY

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PAGE: 10

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RECEIVED 1 APR 2005

## TRANSACTION DETAILS

STATEMENT DATE 10/08/03	TERMS: PAYABLE IN FULL WITHIN 14 DAYS AS PER YOUR CORPORATE CONTRACT	DUE DATE: 10/22/03
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ACCOUNT NUMBER ACCOUNT NAME	SPENDING LIMIT/TYPE	EMPLOYEE ID/COST CENTER UNIVERSAL #	SERVICE ESTABLISHMENT NAME/ADDRESS	PROCESSING DATE	CURRENT ACTIVITY
CONTINUED [REDACTED] RONIKKA K MARSHALL	\$10,000/TRN \$90,000/MTH		US PATENT TRADEMARK 703-305-4631 10472481 GOVERNMENT SERVICES SUPPLIER REF: 00010472481  VA 10/01/03	03/10/01	\$900.00
			US PATENT TRADEMARK 703-305-4631 10472482 GOVERNMENT SERVICES SUPPLIER REF: 00010472482  VA 10/01/03	03/10/01	\$900.00
			US PATENT TRADEMARK 703-305-4631 10472483 GOVERNMENT SERVICES SUPPLIER REF: 00010472483  VA 10/01/03	03/10/01	\$900.00
			US PATENT TRADEMARK 703-305-4631 10472491 GOVERNMENT SERVICES SUPPLIER REF: 00010472491  VA 10/01/03	03/10/01	\$1,030.00
			US PATENT TRADEMARK 703-305-4631 10472492 GOVERNMENT SERVICES SUPPLIER REF: 00010472492  VA 10/01/03	03/10/01	\$2,310.00

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